

**CALL FOR PAPERS**  
**Thirty-Sixth Annual Asilomar Conference on**  
**Signals, Systems, and Computers**

**Asilomar Hotel and Conference Grounds, Pacific Grove, California**

**November 3-6, 2002**

**URL: [web.nps.navy.mil/~asilomar](http://web.nps.navy.mil/~asilomar)**

Authors are invited to submit papers before June 3, 2002, in the following areas:

Wireless communication systems and networks 41  
Space-time adaptive processing 42  
Antenna arrays and MIMO systems 43  
Speech and audio processing 44  
Imaging and video processing 45  
DSP algorithms, architectures, hardware, and applications 46  
Multimedia systems and applications 47  
Coding for compression, error control, and security 48  
Wavelets, filterbanks, and time-frequency distributions 49



10► Inverse problems  
11► Detection, estimation, and time series analysis  
12► Modulation and coding for multiple access  
13► Channel modeling and identification  
14► Mixed signal hardware and systems  
15► ASIC and FPGA design  
16► Bio-informatics and bio-mimetics  
17► Quantum computing and communication  
18► Neural networks and support vector machines  
19► Distributed computing and data fusion

Submissions should include a 50 to 100 word abstract and an extended summary (500 to 1000 words, plus figures). Submissions must include the title of the paper, each author's name and affiliation, and the technical area(s) in which the paper falls with number(s) from the above list. Additionally, each submission should include the name, full address, telephone/fax numbers, and e-mail address of the Point of Contact for the paper. **No more than FOUR submissions are allowed** per contributor, as author or co-author. **All submissions must be received by June 3, 2002.** Notifications of acceptance will be mailed by late August 2002, and author information will be available on the conference website by mid September 2002. Full papers will be due at the conference and published in the spring of 2003. All technical questions should be directed to the Technical Program Chair, **Dr. Louis Scharf**, e-mail: [scharf@engr.colostate.edu](mailto:scharf@engr.colostate.edu), or the General Chair: **Dr. Ben Friedlander**, e-mail: [friedlan@cse.ucsc.edu](mailto:friedlan@cse.ucsc.edu).

Prospective organizers are invited to submit proposals for **special sessions** to [scharf@engr.colostate.edu](mailto:scharf@engr.colostate.edu) or [friedlan@cse.ucsc.edu](mailto:friedlan@cse.ucsc.edu) by January 15, 2002. Proposals must include a topical title, rationale, session outline, contact information, and a description of how the session will be organized. Format for special sessions will be similar to that of the 2001 conference, and the interested organizers are referred to the conference website for further information regarding the technical program format.

Authors may choose to send regular mail or electronic submissions; see specific instructions below.

**1. REGULAR MAIL SUBMISSIONS:** Prospective authors are required to send four copies of the abstract and the extended summary as specified above. In addition to the material described above, authors should include on a separate page a camera-ready copy of the abstract headed by the title, authors' names and affiliations for printing in the conference abstract book, which will be distributed at the conference. The type used must be clear and legible, and all information (including title, authors' names, and affiliations) must fit within a 6.5"×2.75" (width×height in inches) format for printing in the abstract book. Regular mail submissions should be sent to:

**Asilomar Conference Technical Program Chair**  
**c/o ECE Department, Code EC**  
**Naval Postgraduate School**  
**833 Dyer Rd., Room 437**  
**Monterey, CA 93943-5121**

**2. ELECTRONIC SUBMISSIONS:** Check the conference website ([web.nps.navy.mil/~asilomar](http://web.nps.navy.mil/~asilomar)) for specific information.

**CONFERENCE COMMITTEE**

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The site for the 2002 Conference is at the Asilomar Conference Grounds, in Pacific Grove, CA. The grounds border the Pacific Ocean and are close to Monterey, Carmel, and the scenic Seventeen Mile Drive in Pebble Beach.

The Conference is organized in cooperation with the Naval Postgraduate School, Monterey, CA, Mission Research Corporation, Monterey, CA, MBARI, Moss Landing, CA, and the IEEE Signal Processing Society.